



**We make the Earth  
the best place  
to store  
all energies**

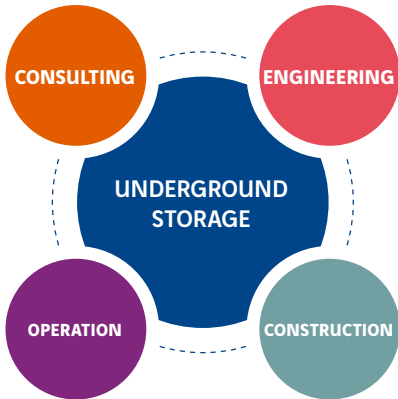
**THE UNDERGROUND ENERGY STORAGE SPECIALIST:  
CONSULTING,ENGINEERING,CONSTRUCTION,OPERATIONS**



GRANDS PROJETS

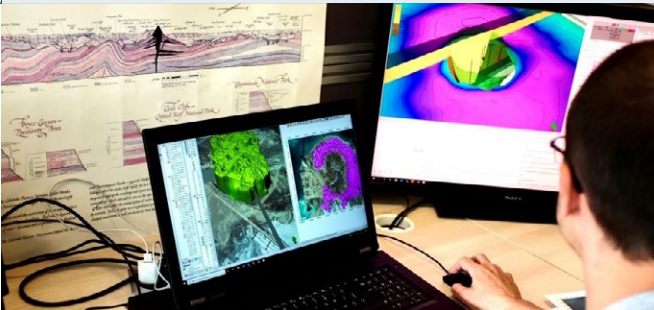
# Our company

Born nearly 60 years ago to develop France's strategic reserves, **Geostock** has become the world leader in underground energy storage. Our expertise spans all the management and technical services to the industry, including consulting, engineering, construction and operations: we support our customers at all project stages from project definition, through project design and execution to asset operation.



## AN ENGINEERING-OPERATING SYNERGY

**Geostock** is both an engineering company and a site operator. This unique feature allows **Geostock** to provide custom-made and fit-for-purpose services.





# Our expertise

## CONSULTING

- Site screening and opportunity identification
- Business case development
- Conceptual design
- Assistance to decision-making
- Site audits

## ENGINEERING

- Feasibility studies
- Front-end engineering and Design (FEED)
- Project management services
- Subsurface evaluation and modelling
- Surface facilities engineering

## CONSTRUCTION

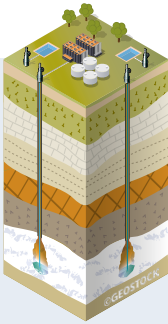
- Permitting and regulator's approvals
- Selecting companies and suppliers
- Supervising detailed engineering studies
- Construction supervision
- Commissioning, testing, start-up
- Operator's training

## OPERATION

- Asset Management and operation
- Plant operation follow-up and surveillance
- Asset Integrity
- Asset maintenance management services

# Our underground storage solutions

Driven by the belief that the underground is the best option for storing energy, **Geostock** has acquired high-level expertise in all types of underground storage: salt caverns, mined caverns and porous media. Its unique know-how ensures safe completion, affordable and environmentally friendly infrastructures.

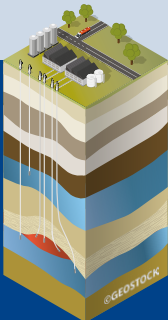
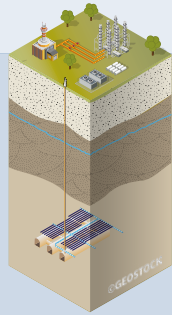


## SALT CAVERN

- Liquid hydrocarbons
- Liquefied hydrocarbons
- Natural gas
- Compressed air
- Hydrogen
- Effluents

## MINED (LINED) ROCK CAVERN

- Liquid hydrocarbons
- Liquefied hydrocarbons
- Natural gas (*compressed or liquefied*)
- Hydrogen



## POROUS MEDIA (AQUIFER OU DEPLETED FIELDS)

- Natural gas
- Compressed air
- Hydrogen
- CO<sub>2</sub>
- Effluents

# Our values

## Culture of trust

We foster active listening, close partnership and responsiveness at the core of our customers' and employees' relationships;

## Passion for the job

We share a deep attachment to give purpose to each of our actions and carry out our missions with the highest regard to serving communities and public interest;

## The art of engineering

We are underground storage experts committed to a rigorous scientific approach, in order to provide long-lasting and efficient services;

## Sense of excellence

We select cutting-edge technologies and apply the best standards to design and build underground storage infrastructures in order to achieve world-class performance in safety, efficiency and environmental aspects.

## Key figures

Almost **60** years of existence

**500** engineers and technicians

Present in more than **50** countries

**4** operational storage sites



# Green storage : Our transformation program

**Geostock** has embarked on an ambitious journey to meet the critical energy transition challenges. This program, called **Green Storage**, has three main components:

- An internal plan to minimise our environmental footprint. This includes the implementation of a sustainable approach, actions to reduce our carbon footprint, as well as employee training initiatives to raise their awareness on new environmental challenges (carbon footprint reduction and sustainable engineering) and green energy alternatives.
- New solutions to help our clients to reduce the environmental impact of existing underground storage facilities. This includes alternatives to cut energy consumption, preserve biodiversity and recycle waste.
- Innovative storage solutions for carbon-free energies, such as hydrogen and compressed air, which are needed to meet the Paris Agreement targets. These Net Zero solutions can be applied to salt caverns, lined mined caverns, as well as aquifers and depleted fields. They are also suitable for CO<sub>2</sub> geological storage.